

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                        |                         |
|--|---|----|---|------------------------|-------------------------|
| Substitute for form 1449/PTO   |   |    |   | Complete if Known      |                         |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | Application Number     | 10/668,189              |
|  |   |    |   | Filing Date            | 9/24/03                 |
|  |   |    |   | First Named Inventor   | Lange et al.            |
|  |   |    |   | Art Unit               | <del>Unknown</del> 2877 |
|  |   |    |   | Examiner Name          | Not Yet Assigned        |
|  |   |    |   | Attorney Docket Number | H0002893-1628           |
| Sheet  | 1 | of | 1 |                        |                         |

[illegible][illegible]

|                       |               |                    |         |
|-----------------------|---------------|--------------------|---------|
| Examiner<br>Signature | S.A. Turner ✓ | Date<br>Considered | 12-1-05 |
|-----------------------|---------------|--------------------|---------|

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

**Complete if Known**

|                        |                         |
|------------------------|-------------------------|
| Application Number     | 10/668189               |
| Filing Date            | 09/24/2003              |
| First Named Inventor   | Charles H. Lange et al. |
| Art Unit               | 2877                    |
| Examiner Name          | not yet known           |
| Attorney Docket Number | H0002893-5704           |

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

| FOREIGN PATENT DOCUMENTS |                          |   |                     |  |   |
|--------------------------|--------------------------|---|---------------------|--|---|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear |
|                          |                          | Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  |   |
| SA T                     |                          | WO099/27321A  | 06-03-1999          | Llton Systems, Inc.                                |   |
|                          |                          |   |                     |  |   |
|                          |                          |   |                     |  |   |
|                          |                          |   |                     |  |   |
|                          |                          |   |                     |  |   |
|                          |                          |   |                     |  |   |

**Examiner  
Signature**

S.A. Turner

Date  
Considered

17-1-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                         |
|------------------------|-------------------------|
| Application Number     | 10/668189               |
| Filing Date            | 09/24/2003              |
| First Named Inventor   | Charles H. Lange et al. |
| Art Unit               | 2877                    |
| Examiner Name          | not yet known           |
| Attorney Docket Number | H0002893-5704           |

Sheet

2

of

2

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
| SAT                |                       | PCT INTERNATIONAL SEARCH REPORT - PCT/US2004/031337, International Search Authority - EP Office, 30 March 2005, 7 pages.  |                |
| SAT                |                       | PATENT ABSTRACTS OF JAPAN, vol. 016, no. 355 (P-1394), 30 July 1992 & JP 04107508A (Fujikura Ltd.), 9 April 1992.   |                |
| SAT                |                       | PATENT ABSTRACTS OF JAPAN, vol. 2003, no. 03, 5 May 2003 & JP2002341153A (Sumitomo Electric Ind Ltd.), 27 November 2002.  |                |
| SAT                |                       | PATENT ABSTRACTS OF JAPAN, vol. 016, no. 536 (P-1449), 6 November 1992 & JP 04203929A (Matsushita Electric Ind Co Ltd), 24 July 1992.   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |

|                    |             |                 |         |
|--------------------|-------------|-----------------|---------|
| Examiner Signature | S.A. Turner | Date Considered | 12-1-05 |
|--------------------|-------------|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.